

Specification

IUPAC Name:	Potassium Tetraoxorhenate(VII)
Heraeus Material / Type:	Potassium Tetraoxorhenate(VII) HSTDP
Description / Formula:	K[ReO ₄]

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Parameter	Unit	Specification	Test Method
<u>Precious metal</u>			
Rhenium content*	%	63 - 65	Re-content ICP-OES
<u>Chemical and physical properties</u> related to sample			
NO ₃ content*	ppm	≤ 2000	
SO ₄ content*	ppm	≤ 120	
<u>Impurities</u> relating to precious metal			
Ir (Iridium)*	ppm	≤ 500	
Pd (Palladium)*	ppm	≤ 25	
Pt (Platinum)*	ppm	≤ 500	
Rh (Rhodium)*	ppm	≤ 500	
Ru (Ruthenium)*	ppm	≤ 500	
Ag (Silver)*	ppm	≤ 25	
Au (Gold)*	ppm	≤ 25	
As (Arsenic)*	ppm	≤ 25	
Ba (Barium)*	ppm	≤ 50	
Ca (Calcium)*	ppm	≤ 250	
Cu (Copper)*	ppm	≤ 25	
Fe (Iron)*	ppm	≤ 50	
Mg (Magnesium)*	ppm	≤ 250	

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Na (Sodium)*	ppm	≤ 250
Ni (Nickel)*	ppm	≤ 25
Pb (Lead)*	ppm	≤ 25
Si (Silicon)*	ppm	≤ 250

Value determination

All values determined in accordance with 08170/xx

Information:

Color: colourless

Other relevant document(s):

xx = current revision

Inspection Certificate (IC)

Heraeus Precious Metals GmbH & Co.KG will issue an Inspection Certificate according to DIN EN 10204-3.1 for each delivered batch. Parameters which are marked with [*] will be given in the Inspection Certificate.

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